

AMENDMENTS TO THE CLAIMS

Listing of claims:

1. (Currently Amended) A circuit arrangement, comprising:
a voltage link converter, including an intermediate-circuit capacitor and switching paths, arranged in parallel therewith and including series-connected switching elements, wherein a short-circuit thyristor is provided as protection against short-circuit currents and overvoltages; and
a short-circuit protection arrangement, including a parallel circuit of the short-circuit thyristor with pairs of series-connected protective diodes which conduct in opposition to said short-circuit thyristor, connected to the intermediate-circuit capacitor and to the switching paths, wherein the short-circuit protection arrangement is connected in parallel with the intermediate-circuit capacitor, and wherein a connection point between two series-connected switching elements in a switching path is connected to a connection point between two series-connected protective diodes of the short-circuit protection ~~arrangement~~arrangement, wherein the switching elements in the switching paths are IGBTs.
2. (Previously Presented) The circuit arrangement as claimed in claim 1, wherein the short-circuit protection arrangement is only connected to the intermediate-circuit capacitor and to the switching paths of the power supply system side.
3. (Previously Presented) The circuit arrangement as claimed in claim 1, wherein the short-circuit protection arrangement is only connected to the intermediate-circuit capacitor and to the switching paths of the load side.
4. (Cancelled)
5. (Previously Presented) The circuit arrangement as claimed in claim 1, wherein the short-circuit protection arrangement is connected to the intermediate-circuit capacitor via additional protective diodes arranged in two connecting lines, the additional protective diode in the first connecting line conducting in opposition to the additional protective diode in the second connecting line.

6. (Previously Presented) The circuit arrangement as claimed in claim 1, wherein the short-circuit thyristor has associated current-limiting components.

7.-8. (Cancelled)

9. (Previously Presented) The circuit arrangement as claimed in claim 2, wherein the short-circuit protection arrangement is connected to the intermediate-circuit capacitor via additional protective diodes arranged in two connecting lines, the additional protective diode in the first connecting line conducting in opposition to the additional protective diode in the second connecting line.

10. (Previously Presented) The circuit arrangement as claimed in claim 3, wherein the short-circuit protection arrangement is connected to the intermediate-circuit capacitor via additional protective diodes arranged in two connecting lines, the additional protective diode in the first connecting line conducting in opposition to the additional protective diode in the second connecting line.

11.-13. (Cancelled)

14. (Previously Presented) The circuit arrangement as claimed in claim 2, wherein the short-circuit thyristor has associated current-limiting components.

15. (Previously Presented) The circuit arrangement as claimed in claim 3, wherein the short-circuit thyristor has associated current-limiting components.

16. (Cancelled)

17. (Previously Presented) The circuit arrangement as claimed in claim 5, wherein the short-circuit thyristor has associated current-limiting components.